

What is claimed:

1. A water tank for appreciation provided with a water storage, a water pipe, an air bubble generating member, wherein

(1) said water storage is provided with a water inlet port and an opening portion,

(2) said opening portion is so provided that the convection is generated in said water tank for appreciation by liquid flow from a water tank through said opening portion,

(3) said water storage is provided upwardly of a water tank for appreciation,

(4) one end of said water pipe is connected to a water inlet port of a water storage and the other end is so installed that the other end is in liquid when filled with liquid in a water tank for appreciation, and

(5) an air bubble generating member is so installed that can lead air bubble inside of said water pipe in the periphery of said other end of said water pipe.

2. A water tank for appreciation as set forth in claim 1 provided with at least 2 coils wound along the periphery of said water tank for appreciation.

3. A water tank for appreciation as set forth in claim 2, wherein coils wound along the peripheral of said water tank for appreciation are so provided that the distance between neighboring coils are set to be the length of not greater than 200 % of a coil diameter in said water tank for appreciation.

4. A water tank for appreciation as set forth in claim 2, wherein coils wound along the peripheral of said water tank for appreciation are so provided that the distance between neighboring coils are set to be the length of from 80 to 120 % of a coil diameter in said water tank for appreciation.

5. A water tank for appreciation as set forth in claim 2, wherein the turn of coils wound along the periphery of said water tank for appreciation is 20 to 200 turns.

6. A water tank for appreciation as set forth in claim 2, wherein the turn of coils wound along the periphery of said water tank for appreciation is 40 to 60 turns.

5 7. A display device for appreciation provided with models in liquid store in a water tank for appreciation,

 wherein said water tank for appreciation is provided with a water storage, a water pipe, and an air bubble generating member,

 said water storage is provided with a water inlet port and an opening
10 portion,

 said opening portion is so provided that the convection is generated in said water tank for appreciation by liquid current from a water tank through said opening portion,

 said water storage is provided upwardly of a water tank for
15 appreciation,

 one end of said water pipe is connected to a water inlet port of a water storage and the other end is so installed that the other end is in liquid when filled with liquid in a water tank for appreciation, and

 an air bubble generating member is so installed that can lead air
20 bubble inside of said water pipe in the periphery of said other end of said water pipe.

8. A display device for appreciation as set forth in claim 7, wherein said models are creature models.

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9. A display device for appreciation as set forth in claim 8, wherein said creature models use actuator elements in driving portions.

30 10. A display device for appreciation as set forth in claim 8, wherein said creature models include at least one selected from the group of fish models, jelly fish models, octopus models, snake models, shell models, and sea weed models.

35 11. A display device for appreciation as set forth in claim 8, wherein said creature models are models of invertebrates and/or vertebrates.

12. A display device for appreciation as set forth in claim 9, wherein said actuator elements are polymeric actuator elements in which 2 metal layers are laminated through solid electrolyte therebetween.

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13. A display device for appreciation as set forth in claim 9, wherein said creature models are provided with coils for generating power.

10 14. A fish model wherein said fish model is provided with said actuator elements between a body portion and a fin portion and / or a display device for appreciation as set forth in claim 10, wherein said actuator elements form a fin.

15 15. A display device for appreciation as set forth in claim 7, wherein said models are provided with light-emitting diode.

16. A display device for appreciation as set forth in claim 15, wherein said creature models are provided with coils for generating power.

20 17. A display device for appreciation as set forth in claim 7, wherein said water tank for appreciation is provided with at least 2 coils wound along the periphery of said water tank for appreciation.

25 18. A display device for appreciation as set forth in claim 17, wherein coils wound along the peripheral of said water tank for appreciation are so provided that the distance between neighboring coils are set to be the length of not greater than 200 % of a coil diameter in said water tank for appreciation.

30 19. A display device for appreciation as set forth in claim 17, wherein coils wound along the peripheral of said water tank for appreciation are so provided that the distance between neighboring coils are set to be the length of from 80 to 120 % of a coil diameter in said water tank for appreciation.

35 20. A water tank for appreciation as set forth in claim 17, wherein the turn of coils wound along the periphery of said water tank for appreciation

is 20 to 200 turns.

21. A water tank for appreciation as set forth in claim 17, wherein the
turn of coils wound along the periphery of said water tank for appreciation
5 is 40 to 60 turns.